

Message

From: Newhouse, Kathleen [Newhouse.Kathleen@epa.gov]
Sent: 8/31/2016 11:08:17 PM
To: Gibbons, Catherine [Gibbons.Catherine@epa.gov]
Subject: RE: Add Reference Request for Benzo(a)pyrene (BaP) [TEAMHERO-100191]

Hi Catherine, I'm cleaning up the tech edited BaP version and SRC had a few questions about some of the references.

Ex. 5 Deliberative Process (DP)

Thanks,
Kathleen

From: Newhouse, Kathleen
Sent: Wednesday, July 20, 2016 2:26 PM
To: Gibbons, Catherine <Gibbons.Catherine@epa.gov>
Subject: RE: Add Reference Request for Benzo(a)pyrene (BaP) [TEAMHERO-100191]

Perfect. Thanks!

From: Gibbons, Catherine
Sent: Wednesday, July 20, 2016 2:25 PM
To: Newhouse, Kathleen <Newhouse.Kathleen@epa.gov>
Subject: FW: Add Reference Request for Benzo(a)pyrene (BaP) [TEAMHERO-100191]

P.S. and I added them under the "new references identified by SAB" tag or whatever that was.

From: Ito, Satoru
Sent: Wednesday, July 20, 2016 4:43 PM
To: Gibbons, Catherine <Gibbons.Catherine@epa.gov>
Subject: Add Reference Request for Benzo(a)pyrene (BaP) [TEAMHERO-100191]

Hi Catherine,

Your add reference request has been processed. The following references were added to the Benzo(a)pyrene (BaP) project.

1. Sims et al, 1974 (PDF Available)

Metabolic activation of benzo(a)pyrene proceeds by a diol-epoxide

https://hero.epa.gov/heronet/index.cfm/reference/details/reference_id/60012

2. King et al, 1976 (PDF Available)

(+/-)-7alpha,8beta-dihydroxy-9beta,10beta-epoxy-7,8,9,10-tetrahydro-benzo[a]pyrene is an intermediate in the metabolism and binding to DNA of benzo[a]pyrene

https://hero.epa.gov/heronet/index.cfm/reference/details/reference_id/60014

3. Daudel et al, 1975 (PDF Available)

Fluorescence spectral evidence that benzo(a)pyrene-DNA products in mouse skin arise from diol-epoxides

https://hero.epa.gov/heronet/index.cfm/reference/details/reference_id/2343671

4. Jeffrey et al, 1976 (PDF Available)

Benzo[a]pyrene-nucleic acid derivative found in vivo: Structure of a benzo[a]pyrenetetrahydrodiol epoxide-guanosine adduct

https://hero.epa.gov/heronet/index.cfm/reference/details/reference_id/1012579

5. Grover et al, 1976 (PDF Ordered)

The involvement of a diol-epoxide in the metabolic activation of benzo(a)pyrene in human bronchial mucosa and in mouse skin

https://hero.epa.gov/heronet/index.cfm/reference/details/reference_id/2125046

6. Osborne et al, 1976 (PDF Ordered)

The reaction of (+/-)-7alpha, 8beta-dihydroxy-9beta, 10beta-epoxy-7,8,9,10-tetrahydrobenzo(a)pyrene with DNA

https://hero.epa.gov/heronet/index.cfm/reference/details/reference_id/3352245

7. Wei et al, 1995 (PDF Available)

Site-specific rates of excision repair of benzo[a]pyrene diol epoxide adducts in the hypoxanthine phosphoribosyltransferase gene of human fibroblasts: Correlation with mutation spectra

https://hero.epa.gov/heronet/index.cfm/reference/details/reference_id/3352246

8. Sticha et al, 2000 (PDF Available)

Effects of benzyl isothiocyanate and phenethyl isothiocyanate on benzo[a]pyrene metabolism and DNA adduct formation in the A/J mouse

https://hero.epa.gov/heronet/index.cfm/reference/details/reference_id/2123029

9. Hussain et al, 2001 (PDF Available)

Mutability of p53 hotspot codons to benzo(a)pyrene diol epoxide (BPDE) and the frequency of p53 mutations in nontumorous human lung

https://hero.epa.gov/heronet/index.cfm/reference/details/reference_id/3352247

Link to all references:

<https://hero.epa.gov/heronet/index.cfm/search/results/allfieldsconnector/all/isheroidsearch/true/any/0/bypasssingleheroidcheck/true/firstauthoronly/false/category/any/referenceid/60012%2C60014%2C1012579%2C2123029%2C212504>

6%2C2343671%2C3352245%2C3352246%2C3352247/heroid/60012%2C60014%2C1012579%2C2123029%2C2125046%2C2343671%2C3352245%2C3352246%2C3352247/filtercondition/and/exact/0/newsearch/true/format/list/recordsperpage/25/sort/year%20desc

Please let us know if there are corrections for these references.

Best,

-Sato

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